1878MNRAS..38..410R

On a Solar Photograph. By Dr. L. M. Rutherford.

Dr. Rutherford writes:—

"Permit me to present to the Society a copy on glass taken from a negative of the Sun made at my Observatory on August 11, 1871. It represents a small portion of the Sun's disk with one spot, and a group of smaller ones; but it is not to these features which I desire to draw attention. Shortly before leaving America I saw a copy of the magnificent photograph of the Sun made by M. Janssen and read his communication on the subject in the *Comptes Rendus*. In this he says that his are the first and only photographs which represent the granulations of the Sun's surface. I do not claim that my photograph of 1871 is at all equal to that of M. Janssen; but I submit it simply as a correction to the history of this part of astronomy. It will be seen on inspection with a proper lens that the granulations, rice grains, or willow leaves are quite fairly visible on the copy presented.

"It was made with my 13-inch achromatic corrected for photography by the attachment of a correcting meniscus of flint glass, and with a very short exposure, the duration of which I have never measured.

"*London, May* 10, 1878."

Notes of some Errata in the Report of the Progress of Meteoric Astronomy during the year 1877. By Professor A. S. Herschel.

A few typographical and other errors present themselves in the "Report of the Council on the Progress of Meteoric Astronomy during the year 1877" (in this volume, p. 216, *et seq.*), the following proper corrections of which I am able, by some recently received information, to supply.

P. 229, in the table, column end-height, of the detonating fireball seen in the United States on Nov. 20, 1877, for "a little S.E. of," read "a little S. of E."

P. 231, line 24 from bottom of the page, for "Aug. 16," read "Aug. 17."

Professor D. Kirkwood informs me that the fall of an aërolite stated (p. 219, in the note) to have occurred in Georgia, U.S., on Jan. 20, 1877, proved on investigations which he made, to be a newspaper invention, no such occurrence as that of an aërolitic fall on the asserted date having really taken place.

The radiant point near *α Ceti*, noticed (p. 226) as having been observed by Mr. E. F. Sawyer, at Boston, U.S., on October 17, 18, and 20, 1876, Mr. Denning regards as being very imperfectly determined (see *Astronomical Register* for 1878, p. 106), as in a tracing of them with which he was furnished by Mr. Sawyer the courses of the meteors seen began near that star, and were for a position so near the radiant point too long to be probably conformable to the centre of divergence there which was assigned to them.

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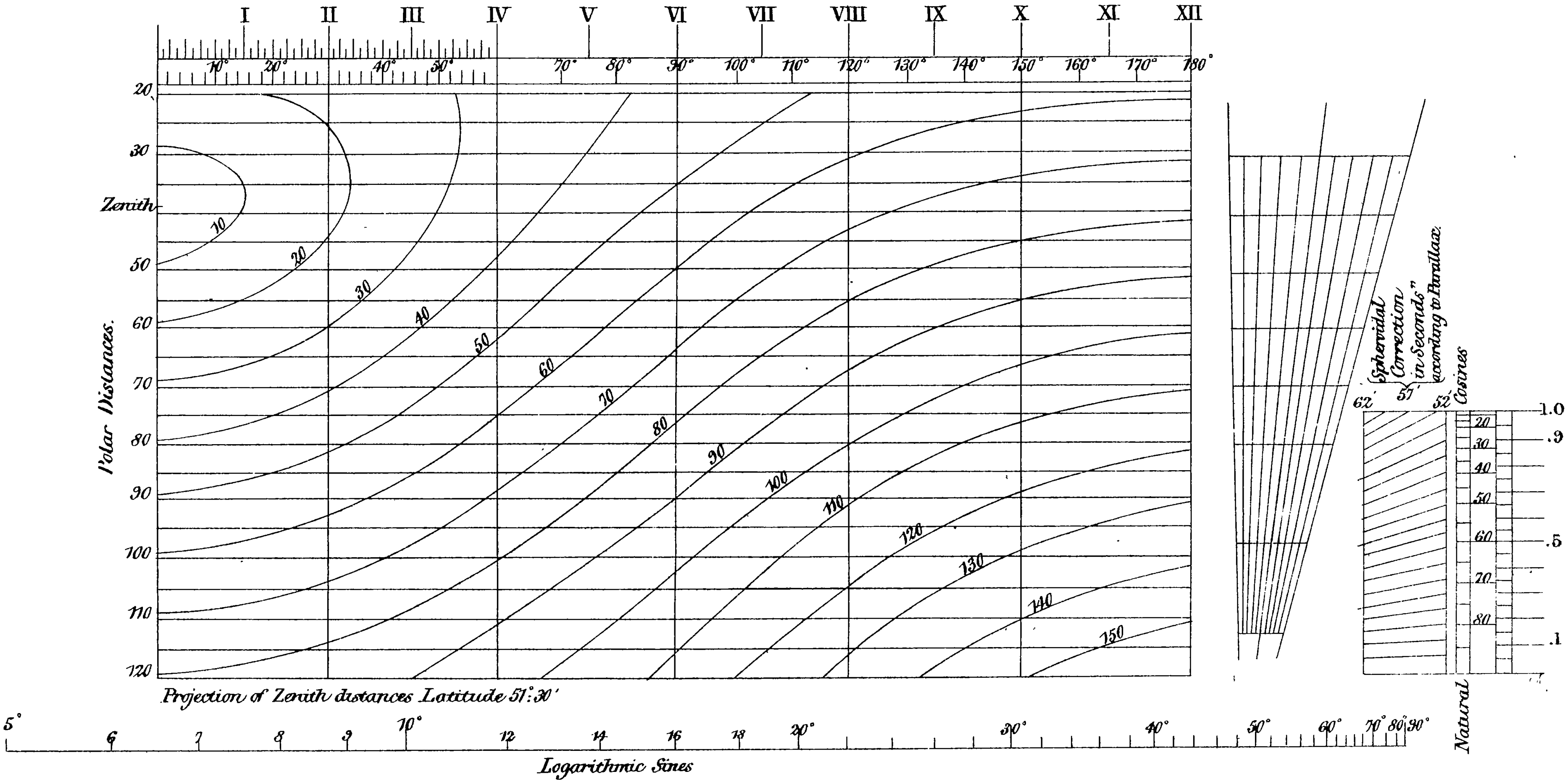

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